

Amendments to the Specification:

Please replace paragraph [0006] with the following amended paragraph:

[0006] In one aspect, the invention is directed to a vapor-liquid contact tray with a tray deck with at least one opening for removing liquid from an upper surface, a plurality of vapor passages for allowing vapor to flow upwardly through the tray deck to interact with the liquid on the upper surface of a tray deck, and at least one can extending upwardly from the tray deck and formed by a perimeter wall. A downcomer is interposed within each can to provide a passageway for liquid and has an upper inlet for liquid entry and a lower outlet above the tray deck for feeding liquid into the can and onto the tray deck. The tray also has plurality of deflector blades positioned above the tray deck to induce a swirling movement in the vapor ascending within the can. The tray deck may further include a sleeve received at the lower end of the downcomer to space the downcomer outlet a fixed distance above the tray deck. The vapor passages in that portion of the tray deck surrounded by the perimeter wall of the can are sieve holes, valves, openings between angled blades formed in the tray deck, or other types of vapor passages. The angled blades may be punched into a plurality of superimposed plates. When a plurality of cans are provided, they may be of two or more sizes. In addition, the deflector blades may be oriented to induce opposite rotational flow of vapor in selected ones of the cans. The deflector blades can be attached to the perimeter wall of the cans. The downcomer inlet can be of greater horizontal cross section than the downcomer outlet. The inlet area of the tray deck underlying the downcomer outlet can also be elevated with the vapor passages provided in the walls connecting the inlet area with the underlying tray deck. The perimeter wall of the can contains liquid passages having a preselected configuration and arrangement. In one

embodiment, the liquid passages are positioned above the level of liquid on the surrounding tray deck and are configured as two or more rows of triangular-shaped louvers.